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Solution structure of the granular starch binding domain of Aspergillus niger glucoamylase bound to β -cyclodextrin[cell.com \(HTML\)](#)

K Sorimachi, MFL Gai-Coëffet, G Williamson, DB ... - Structure, 1997 - Elsevier

... All rights reserved. Research Article. Solution structure of the granular starch binding domain of Aspergillus niger glucoamylase bound to β -cyclodextrin. ... Author Keywords: β -cyclodextrin; glucoamylase 1; NMR; solution structure; starch-binding domain. ...

[Cited by 82](#) - [Related articles](#) - [BL Direct](#) - [All 6 versions](#)**Cyclodextrins as protein folding aids**

N Karuppiiah, A Sharma - Biochemical and biophysical research ..., 1995 - Elsevier

... The enhanced protein reactivation by cyclodextrins may be due to their ability to bind to hydrophobic sites in protein folding ... such as insulin, tissue plasminogen activator and human deoxyribonuclease (2). Many of these proteins are presently produced by Escherichia coli in ...

[Cited by 69](#) - [Related articles](#) - [BL Direct](#) - [All 2 versions](#)**Cyclodextrin and method for promoting the proliferation of intestinal bifidobacteria**

C Yoshikumi, K Sakurai, Y Omura, M Nohara, T ... - US Patent ..., 1984 - Google Patents

... of the strain Escherichia coli Staphylococcus aureus Bacillus subtilis IFO 12734 IAM 1011 IAM 1069 ... 0.05 ml of the aqueous cyclodextrin solution (α -, β - or γ -cyclodextrin being of ... at the highest concentration) and 0.1 ml of aqueous suspension of Salmonella typhimurium TA 98 ...

[Cited by 2](#) - [Related articles](#)**[CITATION] Cloning and expression of the Thermoanaerobacter sp. cyclodextrin glycosyl transferase gene in Escherichia coli and Bacillus subtilis**

... Starnes, K Amemiya, PL Jorgensen, S ... - CYCLODEXTRINS, 1993 - EDITIONS DE SANTE

[Cited by 1](#) - [Related articles](#) - [BL Direct](#)**Advances in refolding of proteins produced in E. coli**[mstate.edu \(PDF\)](#)

H Lilie, E Schwarz, R Rudolph - Current Opinion in Biotechnology, 1998 - Elsevier

... of the unfolded protein low, thus limiting aggregation. Advances in refolding of proteins produced in E. coli Lilie, Schwarz ... Expression vectors and delivery systems detergents, inhibiting renaturation, have to be removed after dilution by addition of cyclodextrin, which specifically ...

[Cited by 348](#) - [Related articles](#) - [BL Direct](#) - [All 5 versions](#)**[HTML] Cholesterol is required for surface transport of influenza virus hemagglutinin**[rupress.org \(HTML\)](#)

P Keller, K Simons - The Journal of cell biology, 1996 - jcb.rupress.org

... containing or not lovastatin/mevalonate was added, and the cells were incubated for 2.5 h at 37°C. Thereafter, the cells grown and infected in the presence of lovastatin/mevalonate were

reated for 30 min at 37°C with 1 ml 10 mM methyl- β -cyclodextrin in infection medium. ...

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Substrate binding to a cyclodextrin glycosyltransferase and mutations increasing the γ -cyclodextrin production

G Parsiegla, AK Schmidt, GE ... - European Journal of ..., 1998 - interscience.wiley.com
... Biol. 209, 793800. 8. Nitschke, L., Heeger, K., Bender, H. & Schulz, GE (1990) Molec- ular cloning,
nucleotide sequence and expression in Escherichia coli of the β -cyclodextrin glycosyltransferase
gene from Bacillus circulans strain no. 8, Appl. Microbiol. Biotechnol. 33, 542546. ...

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High expression of glycogen-debranching enzyme in Escherichia coli and its competent purification method

A Nakayama, K Yamamoto, S Tabata - Protein Expression and ..., 2000 - Elsevier
... The method requires only a single-step purification via β -cyclodextrin-immobilized Sepharose
6B (β -CD Sepharose 6B) affinity chromatography and ... With the highly expressed GDE in
recombinant E. coli and a rapid and effective purification method, we successfully resolved the ...

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Antibacterial activity of ciprofloxacin-beta-cyclodextrin complex and its efficacy in dental implants.

KS Aithal, N Udupa, BR Varma, R Kurian - 1995 - imsear.hellis.org
... 1995 Oct-Dec; 6(4): 123-8. Type: Journal Article. Abstract: Ciprofloxacin forms an inclusion
complex with beta-cyclodextrin. The in vitro antibacterial activity of ciprofloxacin on E. coli
and Staphylococcus aureus was found better on complexation. ...


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(PDF) Engineering of cyclodextrin glycosyltransferase reaction and product specific city1

[nug.nl \(PDF\)](#)

B Van der Veen, JCM Uitdehaag, BW ... - ... et Biophysica Acta, 2000 - gbl.eidoc.ub.nug.nl
Review Engineering of cyclodextrin glycosyltransferase reaction and ... Received 9 February 2000;
received in revised form 1 August 2000; accepted 28 August 2000 Keywords: Cyclodextrin
glycosyltransferase; K-Amylase; Transglycosylation; Cyclodextrins; Product specificity ...

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